THE NEW POWDER MAGAZINES AT LIVERPOOL.—Arrangements have been made for commencing the erection of the storekeeper's, assistant-keeper's, and workmen's houses, on a plot of land at Brombrough. The land purchased comprises about two acres; and the buildings, designed by Messrs. Walker and T. S. Scott, of Liverpool and Birkenhead, architects, and, for the present, about ten in number, will cost about 2,500*l*. The powder-vessels, of which there will be three, are to be moored between Brombrough Pool and Eastham, about a mile, or rather more, from the shore, a position said to satisfy the Master-General of the Ordnance. Two of the floating magazines will cost 21,000*l*.; and they are now nearly ready for launching, one from the yard of Messrs. Clarke, and the other from that of Mr. Roydon. No iron whatever is used in their construction, all being wood and copper. Two syphons, one foot each in diameter, are to be introduced into every vessel, so that an enormous quantity of water can be poured in immediately in case of need. No fires are to be allowed on board. Lightning conductors are to be fitted up under the direction of Sir W. Snow Harris. The quantity of powder to be stored is to be increased from 10,000 to 15,000 barrels. These magazines ought surely to have been placed at a greater distance than a single mile from the shore and town of Liverpool.

THE OXFORD BATHS AND WASHHOUSES.—A serious accident, attended with fatal consequences, occurred at these baths on Monday last, the first day they were opened to the public. From the evidence adduced on the inquest (which is, however, adjourned), it appears the accident arose from the hot-water tank bursting, from the want of a sufficiency of water in it, steam being generated faster than the condensing pipe could carry it off; causing a tall brick chimney connected with the apparatus to fall with a fearful crash, killing two persons, and severely injuring four or five others. The baths have just been completed from the plans of Mr. Bull, a local architect, and engineer to the Oxford Waterworks, at a cost of 2,765*l*. towards which Mr. P. B. Duncan, Fellow of New College, munificently contributed 1,000*l*.: the site, in Castle-street, was given by the corporation.

NEW SMOKE-CONSUMING APPARATUS.—An apparatus, according to a Glasgow paper, has been originated by Mr. Aitken, of Murdoch and Aitken, Hill-street East, of that city, the advantages of which every one is at liberty to avail himself of without payment of fees for patent or "lordship." The flames from three furnaces meet in a central space or oven. The furnaces being fired in succession, at intervals of ten or twelve minutes, two of them are generally in a white flame, and on meeting the smoke from the third furnace (which is supposed to be newly kindled) in this oven between the boilers, it is immediately consumed before it can enter the flue of the larger boiler. The advantages of this apparatus, in addition to the great feature of the consumption of smoke, are described to be a considerable saving of fuel, a saving of the tear and wear of the principal boiler, and the facility with which it can be applied to boilers at present in operation, at a moderate expense, and in a very short time.

ROAD-MAKERS' ESTIMATES.—Annexed I forward you a list of tenders received for forming a road, &c. upon the "New Morton Estate," the property of the "Manchester Bridgewater Freehold Land Society," Mr. W. Wilson, Surveyor.—X. X.

Hollinhead	£2,258	0	0
Jones	1,800	0	0
King	1,700	0	0
Molineux	1,667	15	9
Knight	1,572	16	9
Wright	1,566	0	0
Coldwell	1,560	0	0
Dunkerby	1,550	0	0
Collinge	1,455	0	0
Barber and Worthington	1,390	0	0
Higginbotham	1,348	8	0
Thorpe	1,201	0	0
Worsley	1,120	0	0
Barnes (accepted)	1,010	0	0

ELECTRO-TELEGRAPHIC PROGRESS.—A submarine line has been laid down from Holyhead to Howth, with continuation in progress to Dublin. This line appears to be the result of a sudden thought, as rapidly executed, and quite unconnected with those projects which have been making comparatively slow progress for the last six to twelve months. Messrs. Newall, of Gateshead, gave an order for eighty miles of wire to be covered with gutta-percha in a fortnight, by the Gutta-percha Company, and the thing was done. The cable, however, was then covered with galvanised iron wire at Gateshead, and sent on trucks in one continuous line to Maryport, whence it was shipped to Holyhead, and thence laid down, the whole work, it appears, being done in about three weeks. Three other Irish submarine lines, it is said, are to follow. It is to be hoped, however, that precipitancy will, as far as possible, be avoided, care and outlay in the first instance being always cheapest in the end.

COMPETITION, MANCHESTER. — Twelve designs were submitted in competition for the new Congregational Church, Bury New-road, from which the committee have selected the design of Messrs. Barry and Murray, and Mr. Raffles Brown, of Liverpool, and have awarded the second premium to Mr. Moffat Smith, of Manchester.

THE MARBLE ARCH. — It appears that 11,000*l*. were voted as applicable to the removal and rebuilding of the marble arch. The amount of estimate was 4,339*l*. 18s. 4d. The sum expended in taking down the arch was 526*l*. 16s., and with other expenses amounted to 3,584*l*. 10s. 5d., leaving 6,660*l*. 1s. 8d. out of the vote as applicable to the improvement of the area in St. James's Park, in front of Buckingham Palace.

GAS FROM WOOD.—In experiments made some time ago, it was said that a considerable quantity of illuminating gas could be obtained from two ounces of wood. The process on a large scale is now, it seems, in operation at Basel, and about to be introduced at Zurich, Stockholm, and Drontheim. It is said to be far less expensive than the manufacture from coal, and to furnish a gas free from sulphuretted hydrogen, besides several useful by-products, such as charcoal, wood tar, and vinegar.

TENDERS

For building ten fourth-rate dwelling-houses, four with shops, at Bromley, Middlesex, for Mr. P. Pritchard; Mr. Wm. Humber, surveyor. Quantities furnished.

Walker and Soper	£2,468	0	0
Reader	2,461	15	0
Hack and Son	2,300	0	0
Cooper	2,270	0	0
Wicks	2,267	0	0
Watts	2,167	0	0

For West Chandlers' Hall, Mr. Charles Fowler, architect.

Brass and Son	£4,279	0	0
Norris	4,247	0	0
Thos. and Wm. Piper	4,128	0	0
Wm. Cubitt and Co.	3,999	0	0
Grimsdell	3,999	0	0
Henry Lee and Sons	3,865	0	0
Little and Son	3,849	0	0
Lawrence and Sons	3,840	0	0
Holland	3,790	0	0
Jay (accepted)	2,463	0	0

For erection of eight pairs cottages, at Stratford; Mr Lambert, architect.

Keen	£4,800	0	0
Hill	4,438	0	0
Rivett	4,320	0	0
Harmer	4,298	0	0
Rudkin	4,150	0	0
Parry	3,978	0	0
Mills and Son	3,980	0	0
Thompson and Co.	3,747	0	0
Cooper	3,734	0	0
Vaughan	3,690	0	0
Searle	3,360	0	0
Heath	3,328	0	0
Hoskins	3,000	0	0

For sundry alterations to warehouses at Messrs. Nevill's, Gresham-street West; Mr. W. E. Williams, architect.

Lindsay	£1,718	0	0
Richelieu and Niblow	1,676	0	0
Norris	1,464	0	0
J. J. Coleman	1,460	0	0
Carter and Ellis	1,391	0	0

For the new St. Mark's Hospital, for fistula and other diseases, to be erected in the City-road; Mr. J. Wallen architect.

Cubitt	£9,390	0	0
Lawrence and Sons	8,142	0	0
Ashby and Sons	8,140	0	0
T. and W. Piper	7,897	0	0
Grimsdell	7,777	0	0

TO CORRESPONDENTS.

"J. M." Lancashire (there can be no possible objection to our correspondent's christening his daughter "Scrillah," if he desire to do so. So far as we are concerned we can but consider it a compliment. The young Christian who bears it will at all events stand above); "G. R." "G. W." "L. V." "W. S." "J. J." "C. H. S." (thanks), "C. C. N." (ditto), "W. C. T." (ditto), "T. S." (ditto), "E. T." (would be ineffectual), "A. A." "E. W. E." (thanks), "A Neighbour," "S. H." "A. B." (declined with thanks), "Dr. E." "R. W." "J. B." Notes (such reports are usually too local in interest), "J. J. L." (it has been mentioned once), "T. W." "Burton Crescent" (St. George's R. C. Cathedral is chiefly of Bath stone; Lincoln's-inn Hall, magnesian limestone. Caen stone is an oolite), "J. N. W." "A. H." "Ignoramus" (a letter to similar effect was in type before our correspondent's arrived), "Aldn. M." "Miss G." "H. C." "O. J." "J. K. W." (we shall be happy to receive the drawings: tracings will suffice), "B. B." "Thalma," "R. B." "W. H." "J. J."

"*Books and Addresses.*"—We have not time to point out books or find addresses.

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MASONS' PROVIDENT INSTITUTION.—W. TITE, Esq. F.R.S. President.

A PUBLIC DINNER, in aid of the funds of the above Institution, will be held on THURSDAY, JUNE 17th, at the FREEMASONS' TAVERN, Great Queen-street, Lincoln's-inn-fields. The Right Hon. LORD ROBERT GROSVENOR in the Chair.

HONORARY STEWARDS.

Thos. Brassey, esq.	Chas. Lushington, esq., M.P.
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William Dix	Wm. Hammans	G. S. Thompson

Dinner on Table at Six o'clock. Tickets, £1a and 5s each. Ladies' Tickets to the Gallery, including refreshments, for each which may be obtained of the Stewards and Committee; of the Secretary, at his residence; and at the Bar of the Freemasons' Tavern. JOSEPH T. WHITEHEAD, Secretary.

1, Johnson-street, Hanwell-street, Westminster.

THE OPERATIVE MASONS' BENEFIT SOCIETY, held at "The George," Great Chapel street, was Instituted, 1833; Enrolled, 10 Geo. 4, c. 56.—The FORTY-SECOND ANNIVERSARY of the above Society will be celebrated on MONDAY, July 19th, at the Highbury Barn Tavern.

THOMAS JACKSON, Esq. in the Chair.

HONORARY SUBSCRIBERS.

Messrs. G. Labrum and Son	Mr. C. Todd
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Messrs. T. and W. Piper	Mr. E. Farrow
Messrs. W. and J. Freeman	Mr. Bevers
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Mr. J. Foot	Mr. Lander
Mr. P. Nowel	Mr. Bedfordshire

STEWARDS.

Joseph John Smith	Robert Hessell
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Tickets to be obtained of Mr. JOSEPH JOHN SMITH, 5a, Steward-st, Bloomsbury-street, Knightsbridge.

WM. P. TARRAN, Secretary.

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